AMG-10
TSTCore Update

6 March 1996

Topics

- **Coming Events**
- **Test Working Group Updates**
- **OMT Working Group Update**
- **Performance Measurement**
- **Federate Profiles**
- **FOM Development Tools**
- **DIS Workshop Presentations**
- **RTI Software Support**
- **HLA Management Plan Update**

Events Calendar

- **Since last AMG meeting:**
  - 24-25 January 96   AMG-9; release of I/F Spec v0.3 and OMT v0.2
  - 30 Jan-1 Feb 96   MORS Conference
  - 23 February   Protofed Lead Meeting
  - 27-28 February 96   C2 Representation Workshop
  - 29 February 96   RTI v0.2 release

- **Upcoming Events:**
  - 6-7 March 96   AMG-10; release of I/F Spec v0.4
  - 11-15 March 96   14th DIS Workshop
  - 24-25 April 96   AMG-11
  - 30 April 96   RTI v0.3 release
  - 12-13 June 96   AMG-12
  - 15 July 96   RTI v0.4 release
  - 17-18 July 96   AMG-13
  - 22-23 August 96   AMG-14

Test Working Group Update

- **State Transition Diagrams**
  - **Released 18 January and 12 February**
  - **Briefed at AMG-9**
- **Draft HLA Interface Test Procedures available on the net**
  - **Released 22 February; on the home page**
- **Proto-federation leads are reviewing draft procedures for completeness and are identifying how their federates will be using the interface**
  - **Feedback will be provided to DMSO on 22 March (Action from proto-federation leads meeting)**
  - **Testing Working Group will meet in Atlanta to discuss on 27 March**
- **Proto-federations will use the procedures to conduct their own testing**
  - **Proto-federation experience will be used to revise the test procedures which will accompany the HLA baseline definition**

OMT Working Group Update

- **OMTWG6**
  - OMT v0.3 Work plan (timeline, responsibilities, etc.)
  - Proto-federation Reports
  - Other Topics (Protocol Catalog, Fidelity Taxonomy, FOM Development Tools, etc.)
- **Next Steps**
  - OMTWG7   (9 April)
    - Issue resolution recommendations
  - OMTWG8 (14 May)
    - Review of OMT v0.3 draft
  - OMT v0.3 (23 May)

Performance Framework

- **Performance of HLA federations is an area of general interest**
  - Proto-federations and experiments will be addressing aspects of the performance of their federations
  - Mystech is developing a simulation of selected proto-federation activities to examine performance

- **To allow for common understanding and generalization of the proto-federation and simulation results, a *performance framework* has been developed**
  - Common performance issues to be addressed by the protofeds
  - Measures of performance and measurement strategies
  - Configuration and control variables which are needed for context

- **Status and plans**
  - Draft was provided to proto-federation leads on 23 February
  - Markup in context of 'TEMP-like' description of protofed plans due to DMSO 7 March
  - Revision; and use by proto-federations and performance simulation

Federate Profiles

- **To support assessment of issue on impact to simulations of HLA**
  - "Profiles" of experience developing or adapting federates to operate in and HLA federate will be compiled

- **Status**
  - Profile outline was drafted and distributed following AMG-9
  - Protofeds reviewed and formulated two-phase strategy for collecting profile information

- **Plan**
  - Phase 1: Draft interim description of experience to date by federates in proto-federations and experiments, using profile outline
    - ACTION: Due to DMSO 1 April
  - Use interim response to gauge progress and issues with federate federate development AND to evaluate profile outline
  - Phase 2: Revise profile outline and provide more complete data by ~July (TBD) to support issue assessment

Federate Profile Outline

1. Describe your federate at the outset of the HLA prototyping process

2. Describe the 'philosophy' driving your federate development/adaptation

3. Describe the portions of the federate software which were affected

4. Describe new capabilities which were added to the software

5. How extensive were the changes?

6. Estimated tasks and time required for adaptation

7. If simulation was already adapted to work with other simulations; how did this facilitate the task of adapting for HLA?

8. Based on your experience, what opportunities can you identify for design guidance for other developers to assist in their efforts to adapt simulations or build HLA federate software?

HLA Presentations at DIS Workshop

- We have identified more than 25 papers on HLA-related topics which have been accepted for presentation at the DIS Workshop on 11-15 March.

- In addition, a number of presentations in the Plenary session will deal with HLA.

- Handout available listing HLA papers, indicating the scheduled time and date for each.

- More detailed discussions to follow during AMG-10.

RTI Software Support

- **RTI Problem Report Forms made available to AMG community via DMSO AMGTECH reflector 31 January (AMG Action).**

- **RTI "bug fixes" made public to AMG community via DMSO AMGTECH reflector beginning 26 January (AMG Action).**

- **Revised Software support plan adopted week of 26 February as a result of proto-federation lead meeting; revised plan includes calling RTI implementors once per week.**

- **RTI_help reflector started at DMSO beginning week of 4 March to discuss RTI implementation issues.**

  - **Open subscription via message to**

    listserv@msis.dmso.mil

  - **Any "SUBJECT" can be listed in the message, but the BODY of the message must be the following line (with nothing preceding the "subscribe", to include ">"):**

    subscribe RTI_help firstname lastname

HLA Document Revisions

- **HLA Management Plan**
  - Incremental changes are bring incorporated into a revised version
- **Annotated Briefing also in revision**
  - Basis for 'Interim Definition of HLA'
  - Reference updated specifications (I/F and OMT) and rules
  - Common definitions of terms